



PTO/508b (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substituted for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>			Complete if Known		
Sheet	1	of	3	Application Number	10/573,254- Conf. # 9421
				Filing Date	March 23, 2006
				First Named Inventor	Shimon Weiss
				Art Unit	1792
				Examiner Name	Elena Tsosy Lightfoot
				Attorney Docket Number	58086-229105

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁷
/E.T.L.	C1	A. P. Alivisatos, Science 1996, 271, 933			
/E.T.L.	C2	M. Bruchez Jr., M. Moronne, P. Gin, S. Weiss, A. P. Alivisatos, Science 1998, 281, 2013.			
/E.T.L.	C3	W. C. W. Chan, S. Nie, Science 1998, 281, 2016.			
/E.T.L.	C4	L. Rogach, M. T. Harrison, S. V. Kershaw, A. Komowski, M. G. Burt, A. Eychmüller, H. Weller, phys. stat. sol. (b) 2001, 224, 153.			
/E.T.L.	C5	J. E. Bowen Katari, V. L. Colvin, A. P. Alivisatos, J. Phys. Chem. 1994, 98, 4109.			
/E.T.L.	C6	J. Aldana, Y. A. Wang, X. Peng, J. Am. Chem. Soc. 2001, 123, 8844.			
/E.T.L.	C7	N. N. Mamedova, N. A. Kotov, A. L. Rogach, J. Studer, Nano Lett. 2001, 1, 281.			
/E.T.L.	C8	S. Pathak, S.-K. Choi, N. Amheim, M. E. Thompson, J. Am. Chem. Soc. 2001, 123, 4103.			
/E.T.L.	C9	W. J. Parak, D. Gerion, D. Zanchet, A. S. Woerz, T. Pellegrino, C. Micheel, S. C. Williams, M. Seitz, R. E. Bruhl, Z. Bryant, C. Bustamante, C. R. Bertozzi, A. P. Alivisatos, Chem. Mater. 2002, 14, 2113.			
/E.T.L.	C10	M. E. Akerman, W. C. W. Chan, P. Laakkonen, S. N. Bhatia, E. Ruoslahti, Proc. Nad. Acad. Sci. 2002, 99, 12617.			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/573,254- Conf. # 9421	
			Filing Date	March 23, 2006	
			First Named Inventor	Shimon Weiss	
			Art Unit	1792	
			Examiner Name	Elena Tsou Lightfoot	
Sheet	2	of	3	Attorney Docket Number	58086-229105

/E.T.L.	C11	G. P. Mitchell, C. A. Mirkin, R. L. Letsinger, J. Am. Chem. Soc. 1999, 121, 8122.	
	C12	Schroedter, H. Weller, R. Eritja, W. E. Ford, J. M. Wessels, Nano Lett. 2002, 2, 1363.	
	C13	E. R. Goldman, E. D. Balighian, H. Mattoussi, M. K. Kuno, J. M. Mauro, P. T. Tran, G. P. Anderson, J. Am. Chem. Soc. 2002, 124, 6378.	
	C14	B. Dubertret, P. Skourides, D. J. Norris, V. Noireaux, A. H. Brivanlou, A. Libchaber, Science 2002, 298, 1759.	
	C15	S. J. Rosenthal, I. Tomlinson, A. M. Adkins, S. Schroeter, S. Adams, L. Swafford, - J. McBride, Y. Wang, -L. J.-DeFelice, R. D. Blakely J. Am. Chem. Soc. 2002; 124i — -- 4586.	
	C16	K. A. Higginson, M. Kuno, J. Bonevich, S. B. Qadri, M. Yousuf, H. Mattoussi, J. Phys. Chem. B 2002, 106, 9982.	
	C17	M. Kuno, K. A. Higginson, S. B. Qadri, M. Yousuf, S. H. Lee, B. L. Davis, H. Mattoussi, J. Phys. Chem. B 2003, 107, 5758.	
	C18	Y. Cao, U. Banin, J. Am. Chem. Soc. 2000, 122, 9692.	
	C19	R. Bailey, S. Nie, J. Am. Chem. Soc. 2003, 125, 7100.	
	C20	S. Kim, B. Fisher, H.-J. Eisler, M. Bawendi, J. Am. Chem. Soc. 2003, ASAP.	
	C21	M. T. Harrison, S. V. Kershaw, A. L. Rogach, A. Komowski, A. Eychmüller, H. Weller, Adv. Mater. 2000, 12, 123.	
	C22	S. V. Kershaw, M. G. Burt, M. T. Harrison, A. L. Rogach, H. Weller, A. Eychmüller, Appl. Phys. Lett. 1999, 75, 1694..	
	C23	N. Gaponik, D. V. Talapin, A. L. Rogach, A. Eychmüller, H. Weller, Nano Lett. 2002, 2, 803.	
	C24	M. A. Hines, P. Guyot-Sionnest, J. Phys. Chem. 1996, 100, 468.	
	C25	B. O. Dabbousi, J. Rodriguez-Viejo, F. V. Mikulec, J. R. Heine, H. Mattoussi, R. Ober, K. F. Jensen, M. G. Bawendi, J. Phys. Chem. B 1997, 101, 9463.	
	C26	X. Peng, M. C. Schlamp, A. Kadavanich, A. P. Alivisatos, J. Am. Chem. Soc. 1997, 119, 7019.	
	C27	N. Gaponik, D. V. Talapin, A. L. Rogach, K. Hoppe, E. V. Shevchenko, A. Komowski, A. Eychmüller, H. Weller, J. Phys. Chem. B 2002, 106, 7177.	
/E.T.L.	C28	L. Rogach, L. Katsikas, A. Komowski, D. Su, A. Eychmüller, H. Weller, Ber. Bunsenges. Phys. Chem. 1996, 100, 1772.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/573.254- Conf. # 9421
		Filing Date	March 23, 2006
		First Named Inventor	Shimon Weiss
		Art Unit	1792
		Examiner Name	Elena Tsoy Lightfoot
		Attorney Docket Number	58086-229105
Sheet	3	of	3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Elena Tsoy Lightfoot/	Date Considered	11/14/2009
-----------------------	------------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.